CLAIMS

1. An elevator apparatus comprising an elevator control apparatus having an operation control portion that controls operation of a car and a supervising portion that detects abnormalities in the movement of the car,

wherein when the supervising portion performs initial setting, the operation control portion causes the car to travel at a lower speed than a speed at a time of normal operation according to each phase of the initial setting.

2. An elevator apparatus according to claim 1, wherein the supervising portion outputs a permission signal regarding a speed of the car to the operation control portion according to each phase of the initial setting.

3. An elevator apparatus according to claim 1, wherein the operation control portion selectively changes over a plurality of operation modes including a normal operation mode and an initial setting operation mode for performing initial setting of the supervising portion while causing the car to travel, and controls operation of the car, and

wherein in the initial setting operation mode, the operation control portion causes the car to travel at a lower speed than a speed in the normal operation mode according to each phase of the

initial setting.

4. An elevator apparatus according to claim 1, wherein the supervising portion comprises an emergency terminal speed-limiting device for forcibly decelerating and stopping the car when the car approaches a vicinity of a terminal landing at a speed higher than a preset speed.

5. An elevator apparatus according to claim 4, wherein use of the emergency terminal speed-limiting device enables installation of a shortened buffer that receives the car in a lower portion within a hoistway, and

wherein, the operation control portion causes the car to travel at a speed equal to or lower than a permissible collision speed of the shortened buffer in performing initial setting of the supervising portion.

6. An elevator apparatus according to claim 1, further comprising a control position sensor for detecting a position of the car within a hoistway and a supervision position sensor connected to the supervising portion to detect a position of the car within the hoistway,

wherein, a relationship between a signal from the supervision position sensor and a position of the car within the hoistway is

set in performing initial setting of the supervising portion.

7. A control method for an elevator apparatus comprising an initial setting operation step of performing initial setting of a supervising portion detecting abnormalities in a movement of a car while causing the car to travel,

wherein in the initial setting operation step, the car is caused to travel at a lower speed than a speed at a time of normal operation according to each phase of the initial setting.